

## **LINBO3 CRYSTALS**

Lithium Niobate (LiNbO3) Crystal is widely used as frequency doublers for wavelength > 1 mm and optical parametric oscillators (OPOs) pumped at 1064 nm as well as quasi-phase-matched (QPM) devices. Due to its large Electro-Optic (E-O) and Acousto-Optic (A-O) coefficients.



Specification		
Transmitted Wavefront Distortion	Better than $\lambda$ / 4 @ 633nm	
Effective SHG Coefficient	[W±0.1mm] × [H±0.1mm] × [L±0.2mm]	
Angular Acceptance	Over 90% central diameter	
Temperature Acceptance	λ / 8 @ 633 nm	
Spectral Acceptance	20 / 10	
Parallelism	5 arc min	
Angle Tolerance	$\Delta\theta$ < ± 0.5°; $\Delta\phi$ < ±0.5°	
Coating	AR	